

In the Abstract:

A beam is supported at a balance point by a pivot attached at a fixed pivot support. The beam is movable in cyclic tilting motion about the pivot such that ends of the beam move vertically in mutually opposing directions. The ends of the beam pivotally engage vertical arms depending downwardly where each of the arms terminates at a mixing plate. ~~the~~ The mixing plates cause fluid mixing as the beam tilts back and forth. Mechanical advantage is obtained by the use of gravity through an unbalancing weight which is moved from one side of the beam to the other mechanically or hydraulically or the beam is pushed to cause the tilting. Automatic position sensed switching enables the apparatus to move in automated motion.